Be sure. **testo**

Differential pressure measuring instrument

testo 510 – Pocket-sized differential pressure measurement

Differential pressure measurement 0 to 100 hPa

Flow velocity measurement possible with Pitot tube

Temperature and air density compensation

Display illumination

10 selectable units

hPa

m/s

testo 510 measures differential pressure in the range from 0 to 100 hPa. The differential pressure measurement is temperature-compensated for accurate measurement values. The measurement values can be displayed in Pascal over the entire measurement range. Magnets at the rear permit free-hand work. The backlit display allows the measurement values to be easily read out, even in unfavourable light conditions. The testo 510, in combination with a Pitot tube, measures air flow velocity. For accurate measurement values, the air density can be compensated. testo 510 is very handy, small and easy to operate.

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Technical data / Accessories

Pressure set testo 510

testo 510 handy measuring instrument for differential pressure, hose set (Ø 4 mm and 5 mm) with adapter, incl. protection cap, batteries, belt holder and calibration protocol

Part no. 0563 0510

Sensor type	Differential pressure sensor
Measuring range	0 to 100 hPa
Accuracy ±1 digit	±0.03 hPa (0 to 0.30 hPa) ±0.05 hPa (0.31 to 1.00 hPa) ±(0.1 hPa + 1.5 % of m.v.) (1.01 to 100 hPa)
Resolution	0.01 hPa

General technical data

Positive pressure	500 mbar
max. static pressure	1.5 bar
Operating temperature	0 to +50 °C
Storage temperature	-40 to +70 °C
Selectable units	hPa, mbar, Pa, mmH2O, inH2O, inHg, mmHg, psi, m/s, fpm
Protection class	IP40
Battery type	2 AAA micro batteries
Battery life	50 h (average, without display illumination)
Measurement rate	0.5 s
Dimensions	119 x 46 x 25 mm
Weight	90 g (with batteries and protective cap)

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Accessories for measuring instrument	Part no.	
Connection hose, silicone, 2 m long, max. load 700 hPa (mbar)	0554 0448	
Belt holder	0516 4007	
ISO calibration certificate pressure; differential pressure; 3 points distributed over meas. range	0520 0095	
ISO calibration certificate pressure; differential pressure; 5 points distributed over meas. range	0520 0005	

Subject to change without notice.

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